5/7/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended April 27, 1984 NO. 17

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 04/27/84	Last Week Ending: 04/20/84	Last Year Week Ending: 04/29/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,461	12,356	11,941	105	520
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	76.6	75.9	70.8		
Motor Gasoline					
Total motor gasoline production	6,905	6,482	6,433	423	472
Finished leaded motor gasoline production	2,842	2,769	2,908	73	-66
Finished unleaded motor gasoline production	4,063	3,713	3,525	350	538
Total motor gasoline stocks	250,486	249,614	224,804	872	25,682
Finished leaded motor gasoline stocks	101,473	100,905	90,968	568	10,505
Finished unleaded motor gasoline stocks	107,153	106,742	92,169	411	14,984
Distillate Fuel Oil					
Distillate fuel oil production	2,413	2,403	2,302	10	111
Distillate fuel oil stocks	101,420	100,336	107,797	1,084	-6,377
Residual Fuel Oil					
Residual fuel oil production	861	837	1,049	24	-188
Residual fuel oil stocks	45,438	45,386	43,720	52	1,718
Imports					
Crude oil imports	3,598	3,596	2,682	2	916
Product imports	2,045	1,310	1,605	735	440
Crude Oil Stocks					
Crude oil stocks	341,389	345,582	358,143	-4,193	-16,754

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	897*	713*	748*	1,229	60.9*
Appal. No. 1	107	102	103	177	58.2
DISTRICT 1 TOTAL	1,004*	815*	851*	1,406	60.5*
Appal. No. 2	65	59	63	66	95.5
Ind., Ill., Ky.	1,849*	1,776*	1,794*	2,356	76.1*
Minn., Wis., Daks.	290	273	288	296	97.3
Okla., Kans., Mo.	726	663	665	777	85.6
DISTRICT 2 TOTAL	2,930*	2,771*	2,810*	3,495	80.4*
Inland Texas	502	501	522	585	89.2
Texas Gulf Coast	3,340	2,947	3,021	3,907	77.3
La. Gulf Coast	2,335*	2,024*	2,200*	2,890	76.1*
N. La. and Ark.	179	162	162	286	56.6
New Mexico	79	69	70	105	66.7
DISTRICT 3 TOTAL	6,435*	5,703*	5,975*	7,773	76.9*
DISTRICT 4 TOTAL	456	457	459	536	85.6
DISTRICT 5 TOTAL	2,463	2,301	2,366	3,060	77.3
TOTAL U.S.	13,288	12,047	12,461	16,270	76.6
TOTAL U.S.					
Weeks Ended:					
APR. 20, 1984	13,249*	12,114*	12,356*	16,270	75.9*
APR. 29, 1983	12,944	11,648	11,941	16,854	70.8
DISTRICTS 1-4					
Weeks Ended:					
APR. 27, 1984	10,825	9,746	10,095	13,210	76.4
APR. 20, 1984	10,815*	9,802*	9,977*	13,210	75.5*
APR. 29, 1983	10,760	9,647	9,906	13,771	71.9

* See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 27, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	548	186	362	15	8	190	87
Appal. No. 1	40	14	26	1	--	29	5
DISTRICT 1 TOTAL	588	200	388	16	8	219	92
Appal. No. 2	44	23	21	2	--	16	2
Ind., Ill., Ky.	1,151	446	705	19	98	359	41
Minn., Wis., Daks.	160	78	82	3	18	62	10
Okla., Kans., Mo.	409	214	195	10	24	183	20
DISTRICT 2 TOTAL	1,764	761	1,003	34	140	620	73
Inland Texas	288	140	148	21	33	131	36
Texas Gulf Coast	1,680	674	1,006	9	206	467	249
La. Gulf Coast	1,156*	444	712*	25	238	392	87
N. La. and Ark.	60	37	23	3	--	43	6
New Mexico	38	19	19	12	4	20	1
DISTRICT 3 TOTAL	3,222*	1,314	1,908*	70	481	1,053	379
DISTRICT 4 TOTAL	227	116	111	14	23	119	10
DISTRICT 5 TOTAL	1,104	451	653	59	255	402	307
TOTAL U.S.	6,905	2,842	4,063	193	907	2,413	861
TOTAL U.S. Weeks Ended:							
APR. 20, 1984	6,482*	2,769	3,713*	195	908	2,403	837
APR. 29, 1983	6,433	2,908	3,525	187	848	2,302	1,049
DISTRICTS 1-4 Weeks Ended:							
APR. 27, 1984	5,801	2,391	3,410	134	652	2,011	554
APR. 20, 1984	5,440*	2,291	3,149*	144	641	2,026	544
APR. 29, 1983	5,458	2,500	2,958	144	594	1,990	675

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See revisions on page 7.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 27, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,672	2,633	3,038	1	91	593	3,242	1,350	--
Central Atlantic	33,160	14,309	14,002	4,849	245	3,883	17,243	15,232	12,856
Lower Atlantic	29,649	12,820	16,481	348	295	4,329	11,081	3,718	428
DISTRICT 1 TOTAL	68,481	29,762	33,521	5,198	631	8,805	31,566	20,300	13,284
DISTRICT 2 TOTAL	72,423	32,515	31,744	8,164	1,751	7,688	30,440	3,731	19,687
DISTRICT 3 TOTAL	73,097	25,423	28,430	19,244	2,138	10,482	25,285	11,947	53,448
DISTRICT 4 TOTAL	8,865	4,207	2,259	2,399	318	828	3,144	454	3,036
DISTRICT 5 TOTAL	27,620	9,566	11,199	6,855	1,599	6,383	10,985	9,006	27,326
TOTAL U.S.	250,486	101,473	107,153	41,860	6,437	34,186	101,420	45,438	116,781
TOTAL U.S.									
Weeks Ended:									
APR. 20, 1984	249,614	100,905	106,742	41,967	6,206	32,991	100,336	45,386	118,184
APR. 29, 1983	224,804	90,968	92,169	41,667	6,834	35,956	107,797	43,720	115,329
DISTRICTS 1-4									
Weeks Ended:									
APR. 27, 1984	222,866	91,907	95,954	35,005	4,838	27,803	90,435	36,432	89,455
APR. 20, 1984	221,579	91,384	95,439	34,756	4,617	26,606	89,466	36,872	91,312
APR. 29, 1983	198,824	82,292	81,714	34,818	5,265	29,821	97,205	34,592	88,660

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended April 27, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Dec. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
APR. 27, 1984	5,824.8	5,571.0	3,347	331	262,837
APR. 20, 1984	5,824.8	--	3,347	350	263,718
APR. 13, 1984	5,824.8	--	3,334	334	266,295
APR. 6, 1984	5,822.3	--	2,795	164	256,529
DISTRICT 5 TOTAL					
APR. 27, 1984	2,890.4	2,823.0	251	48	78,552 ♦
APR. 20, 1984	2,890.4	--	249	32	81,864
APR. 13, 1984	2,890.4	--	190	22	80,517
APR. 6, 1984	2,687.4	--	171	--	83,401
TOTAL U.S.					
APR. 27, 1984	8,715.2	8,394.0	3,598	379	341,389 ♦
APR. 20, 1984	8,715.2	--	3,596	382	345,582
APR. 13, 1984	8,715.2	--	3,524	356	346,812
APR. 6, 1984	8,509.7	--	2,966	164	339,930
APR. 29, 1983	8,717.0/a	--	2,682	287	358,143

♦INCLUDES 24,279 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for April 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
APR. 27, 1984	15,681	76,503	156,116	14,537	262,837	78,552 ♦	341,389 ♦
APR. 20, 1984	15,563	76,371	157,132	14,652	263,718	81,864	345,582
APR. 29, 1983	16,323	80,517	158,796	14,814	270,450	87,693	358,143

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended April 27, 1984

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	119	1	--	--	120
Central Atlantic	281	167	114	--	15	161	479	33	87	130	1,186
Lower Atlantic	53	53	--	--	38	--	15	--	--	--	106
DISTRICT 1 TOTAL											
APR. 27, 1984	334	220	114	--	53	161	613	34	87	130	1,412
APR. 20, 1984	106	63	43	13	5	145	376	11	70	69	795
APR. 13, 1984	250	120	130	--	25	119	381	6	113	77	971
APR. 6, 1984	215	72	143	--	33	115	465	12	76	--	916
DISTRICTS 2–4 TOTAL											
APR. 27, 1984	10	8	2	64	--	11	39	190	56	197	567
APR. 20, 1984	8	8	--	--	--	5	67	151	167	29	427
APR. 13, 1984	12	12	--	33	--	26	103	113	98	28	413
APR. 6, 1984	11	11	--	--	--	--	45	150	104	4	314
DISTRICT 5 TOTAL											
APR. 27, 1984	24	8	16	--	--	3	19	10	--	10	66
APR. 20, 1984	45	30	15	--	2	2	18	11	--	10	88
APR. 13, 1984	28	10	18	--	2	4	18	16	--	10	78
APR. 6, 1984	23	6	17	--	--	--	18	13	--	17	71
TOTAL U.S.	368	236	132	64	53	175	671	234	143	337	2,045
TOTAL U.S. Weeks Ended:											
APR. 20, 1984	159	101	58	13	7	152	461	173	237	108	1,310
APR. 13, 1984	290	142	148	33	27	149	502	135	211	115	1,462
APR. 6, 1984	249	89	160	--	33	115	528	175	180	21	1,301
APR. 29, 1983	159	95	64	--	29	58	861	244	75	179	1,605

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

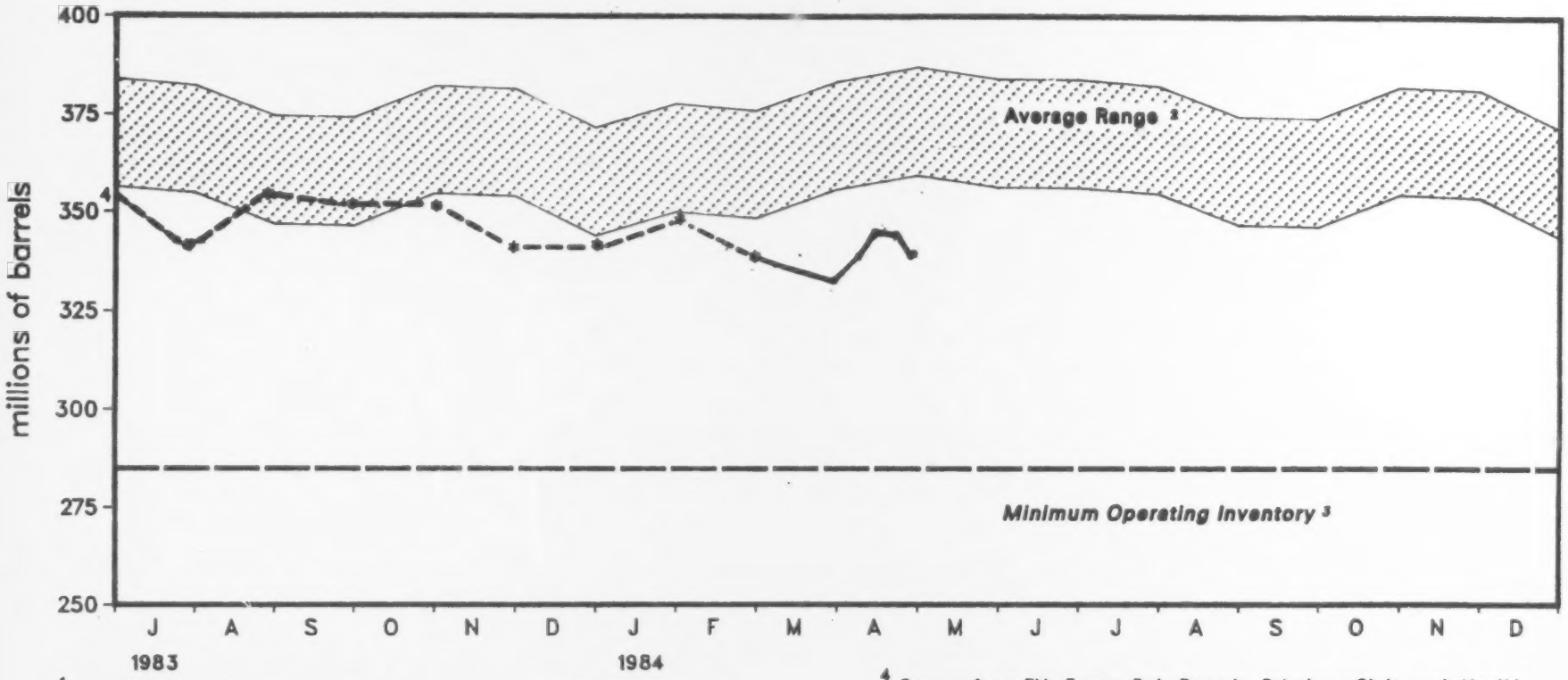
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

04/20/84	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	998
			DISTRICT 1 TOTAL	1,100
			IND., ILL., KY	1,823
			DISTRICT 2 TOTAL	2,958
			LA. GULF COAST	2,208
			DISTRICT 3 TOTAL	6,315
			TOTAL U.S.	13,249
			DISTRICTS 1-4	10,815
		CRUDE OIL RUNS	EAST COAST	820
			DISTRICT 1 TOTAL	918
			IND., ILL., KY	1,709
			DISTRICT 2 TOTAL	2,741
			LA. GULF COAST	1,991
			DISTRICT 3 TOTAL	5,691
			TOTAL U.S.	12,114
			DISTRICTS 1-4	9,802
		INPUT TO CRUDE OIL	EAST COAST	845
			DISTRICT 1 TOTAL	944
			IND., ILL., KY	1,709
			DISTRICT 2 TOTAL	2,767
			LA. GULF COAST	2,063
			DISTRICT 3 TOTAL	5,815
			TOTAL U.S.	12,356
			DISTRICTS 1-4	9,977
		% OPERABLE	EAST COAST	68.8
			DISTRICT 1 TOTAL	67.1
			IND., ILL., KY	72.5
			DISTRICT 2 TOTAL	79.2
			LA. GULF COAST	71.4
			DISTRICT 3 TOTAL	74.8
			TOTAL U.S.	75.9
			DISTRICTS 1-4	75.5
	PAGE 2	TOTAL MOGAS	LA. GULF COAST	1,172
			DISTRICT 3 TOTAL	3,118
			TOTAL U.S.	6,482
			DISTRICTS 1-4	5,440
		UNLEADED MOGAS	LA. GULF COAST	776
			DISTRICT 3 TOTAL	1,876
			TOTAL U.S.	3,713
			DISTRICTS 1-4	3,149

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

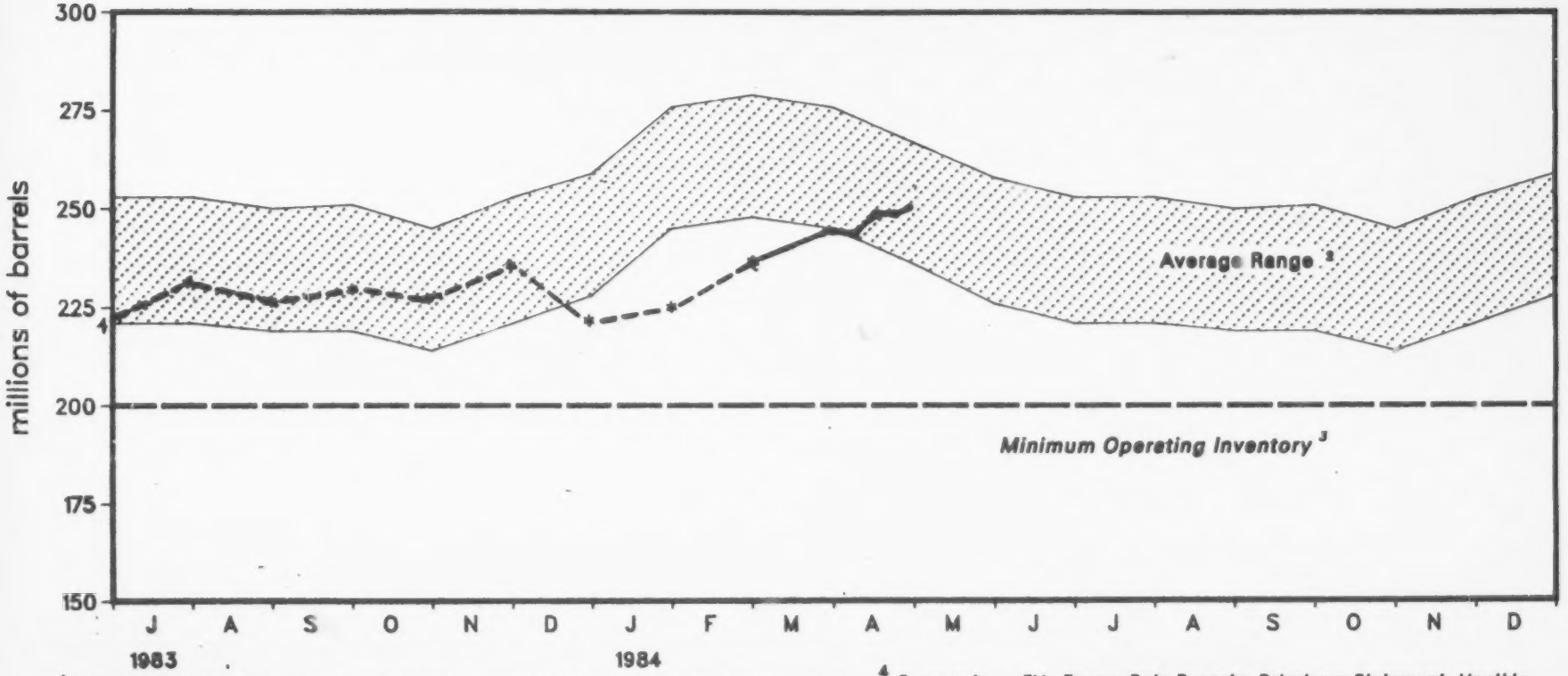
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

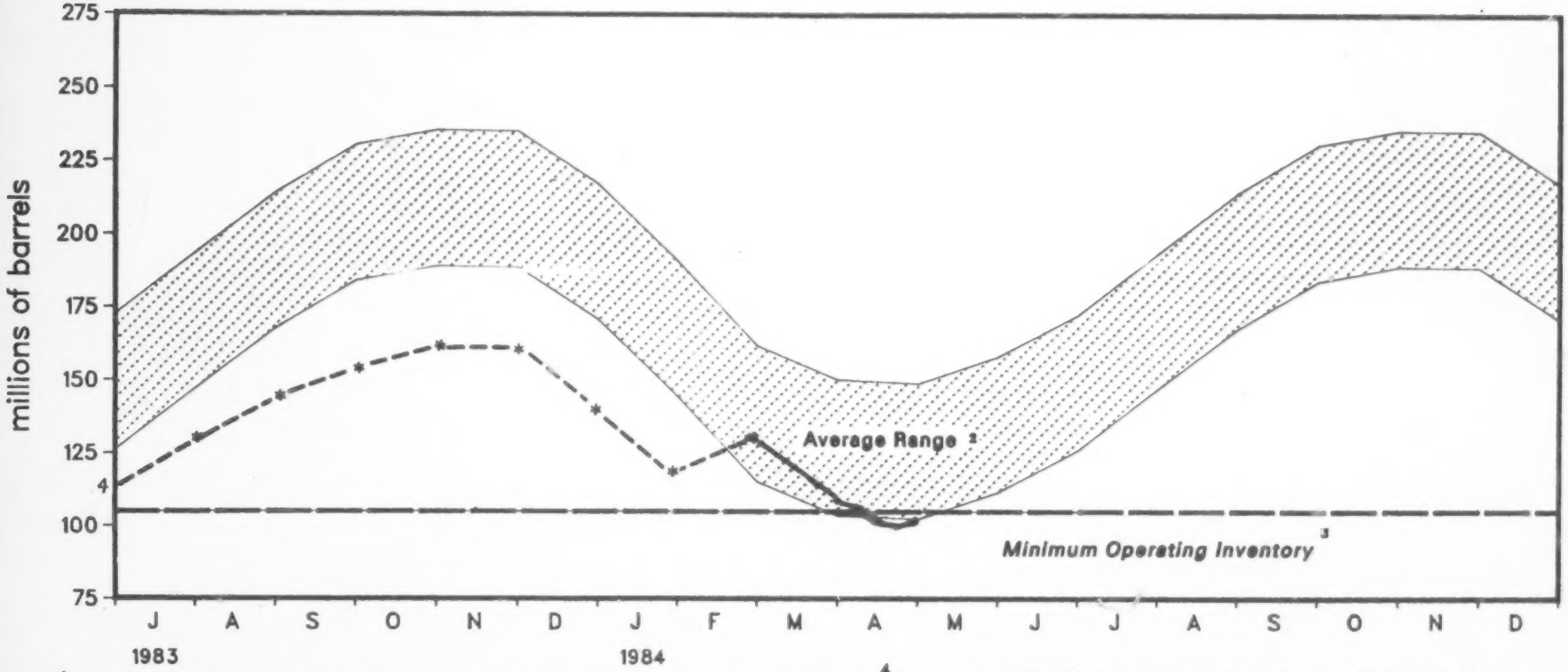
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*